Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

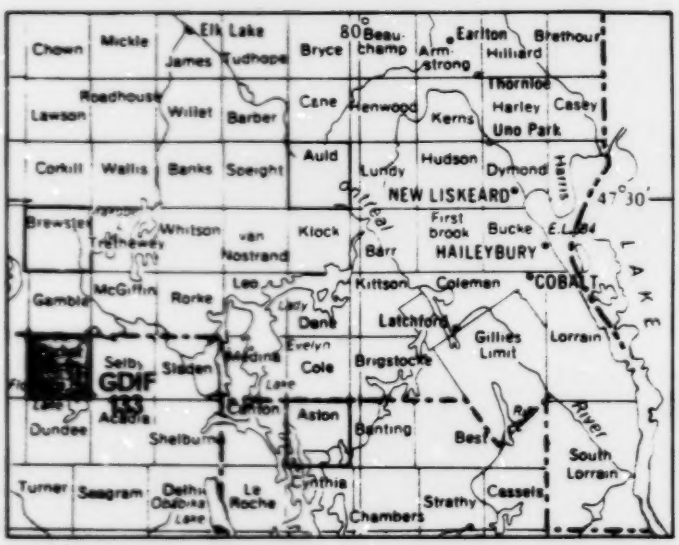
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 133

PARKER TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Cobalt



LOCATION MAP Scale 1:1 013 760 or 1 inch to 16 miles

85-1179/

NTS Number 41P/7

Mining Claim Map Number M-1048

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Parker Township, District of Sudbury, Ontario Geological Survey Geological Data Inventory Folio 133; compiled by the staff of the Resident Geologist's Office, Cobalt; 16 pages and 1 map.

Original Compilation by: Patricia Anderson August 23, 1983

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map

Map Scale 1: 31 680 or 1 inch to ½ mile

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CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20 116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.048 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	No	D.P.A.
2	Assessment Files Research Office, Toronto	No	D.P.A.
3	ODM General Index; 7 volumes	Yes	D.P.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	D.P.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	D.P.A.
6	ODM Industrial Mineral Reports	No	D.P.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.P.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	D.P.A.
9	Newspaper Clippings File	Yes	D.P.A.
10	GSC Index to Publications	Yes	D.P.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.P.A.
12	OGS Index Maps	No	D.P.A.
13	Source Mineral Deposit Records (O.G.S.)	No	D.P.A.
14	Author - Subject Articles File	No	D.P.A.
15	Miscellaneous Papers: ODM & OGS	No	D.P.A.
16	ODM Geological Circulars: OGS Study Series	No	D.P.A
17	ODM Preliminary Reports: ODM Bulletins	Yes	D.P.A
18	ODM – OGS Open File Reports	Yes	D.P.A
19	OGS Northern Ontario Engineering Geology Terrain Studies	N.A.	D.P.A
20	OGS Aggregate Resources Inventory Papers	Yes	D.P.
21	OGS Mineral Potential Maps	No	D.P.
22	Theses on File, in Cobalt	Yes	D.P
23	Aerial Photographs on File, Toronto	No	D.P
24	Catalogue of Cobalt Area Rock and Mineral Samples, ODMNA OFR 5056		

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METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . .Anhydrite
- Δ ank. . . . . .Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . .Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . .Arsenic
- Δ asp . . . . . .Arsenopyrite
- Δ asb . . . . . .Asbestos
- Δ ba. . . . . .Barite
- Δ be. . . . . .Beryl
- Δ Bi. . . . . .Bismuth
- Δ bn . . . . . .Bornite
- Δ bran . . . . . .Brannerite
- Δ bruc . . . . . .Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . .Carbonate
- Δ cel . . . . . .Celestite
- Δ cc. . . . . .Chalcocite
- Δ cp. . . . . .Chalcopyrite
- Δ ch. . . . . .Chert
- Δ clay . . . . . .Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . .Columbite
- Δ Cu . . . . . .Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . .Feldspar
- Δ fl . . . . . .Fluorite (flurospar)
- Δ fu. . . . . .Fuchsite
- Δ gn. . . . . .Galena
- Δ gt. . . . . .Garnet
- Δ goe . . . . . .Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . .Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . .Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . .Ilmenite
- Δ Fe . . . . . .Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . .Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . Magnesite
- Δ mag . . . . . .Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . .Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . .Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . .Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . .Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . .Niobium
- Δ Pd . . . . . .Palladium
- Δ peat . . . . . .Peat
- Δ pent . . . . . .Pentlandite
- Δ Pt. . . . . .Platinum
- Δ py . . . . . .Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . .Pyrolusite
- Δ po . . . . . .Pyrrhotite
- Δ q . . . . . .Quartz
- Δ qcv. . . . .Quartz carbonate vein
- Δ ra. . . . . .Radioactive minerals
- Δ RE . . . . . .Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . .Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . .Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . .Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . .Silica
- Δ Ag . . . . . .Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . .Smaltite
- Δ sod. . . . . .Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . .Sphalerite
- Δ spd. . . . . .Spodumene
- Δ staur. . . . . .Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . .Stone
- Δ talc. . . . . .Talc
- Δ Te . . . . . .Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . .Thorite
- Δ Th . . . . . .Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . .Tourmaline
- Δ trap . . . . . Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . .Uranium
- Δ verm . . . . . .Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . .Zinc
- Δ zr. . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	Name(s)	Mineralization			
	No data available as of August 23, 1983				

TYPE OF WORK		Numbers below represent the year in which the work was done e.g. 68 for 1968	GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT	COMPANY/AUTHOR (file number)																				
	No data available as of August 23, 1983																				

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
	No data available as of August 23, 1983								

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
	No data available as of August 23, 1983				

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Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data available as of August 23, 1983			

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No data available as of August 23, 1983			

LANDSAT COLOUR PHOTO - NTS 31/M

LS	TR	FR	Date of Imagery	Band	Cycle/Day
2	20	27	13/10/81	C_1	136/10

on file in Cobalt office

NEWSPAPER CLIPPINGS FILE

NOTE A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office Cobalt

No data available as of August 23, 1983

ODM GENERAL INDEX SEARCH

Words searched Parker Twp.

Index Volume	Listing	Report Volume	Part	Page
1	Parker Twp., Sud. Trees. See Florence Lake			
1	Florence Lake, Parker Twp., N.O.	*19	2	84, 85

* out of print

GDM FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

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GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K.D. et al.	1971	Sudbury-Cobalt Sheet, Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury & Timiskaming Districts	ODMNA Map 2188	1:253 440
Card, K.D., Lumbers, S.B.	1977	Sudbury-Cobalt, NTS 31L/W, 31M/SW, 41I, 41P/S, Sudbury & AL 5 Districts, Ontario	OGS Map 2361	1:253 440
		GEOPHYSICAL MAPS		
	1956	Smoothwater Lake, Ontario, aeromagnetic	GSC Map 281G	1:63 360
	1965	Smoothwater Lake, Ontario, NTS 41P/7, aeromagnetic	GSC Map 1514G	1:63 360
	1978	Airborne gamma-ray spectrometry maps and profiles, Gogama Sheet	OGS Map Set 80372-80410	1:250 000
Gupta, V.K., Wadge, D.R.	1980	Bouger Gravity and Generalized Geological Map, Gogama-Gowganda Area, Districts of Sudbury & Timiskaming	OGS Map P. 2481	1:100 000
Gupta, V.K., Wadge, D.R.	1980	Bouger Gravity and Generalized Geological Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing & Sudbury	OGS Map 2296	1:100 000
Gupta, V.K.	1982	Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in J. Wood et al, editors, Summary of Field Work, 1982 by the OGS	OGS MP 106 OGS MP 100	No. 24 pp. 165-167 No. 26 pp. 160-164
		Earth Physics Branch Gravity Map Series	EPB Maps No. 84, No. 134	1:500 000
		Aeromagnetic	MNR Map 7076G	1:253 440

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Roed, M.A., Hallet, D.R.	1951	Maple Mountain, Ontario, topographic	NTS 41P/SE	1:126 720
	1979	Maple Mountain, NTS 41P/SE	NOEGTS 89 OGS Map 5023	1:100 000 1:20 000
	1982	Ontario Basic Map Sheets, topographic	MNR Maps 20 17 5200 52400 20 17 5300 52400	
		Smoothwater Lake, Ontario, topographic	NTS 41P/7	1:50 000
		Parker Township claim map	MNR Plan No. M-1048	1" = 40 ch.
		MINERAL POTENTIAL MAPS		
Springer, J.	1977	Ontario Mineral Potential Map, Gogama Sheet and part of Ville Marie Sheet, District of Sudbury & Timiskaming	OGS Map P. 1514	1:250 000
Yundt, S.E., Minnes, D.G., Masham, J.S., Scott, D.W., and Vos M.A.	1983	Industrial Minerals of Ontario	OGS Map P. 2591	1:1 500 000
		GEOCHEMICAL		
		No data available as of August 23, 1983		
		GEOLOGICAL REPORTS AND MAPS		
Collins, W.M.	1909	Preliminary Report on the Gowganda Mining Division, District of Nipissing, Ontario	*GSC Separate Report 1075 *GSC Map 1076	

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Collins, W.H.	1913	The Outlying Cobalt Silver area, Florence Lake, Shining Tree & Rosie Creek Areas, Ontario	*OBM Annual Report 1910, vol. 19, pt. 2	p. 194
Collins, W.H.	1914	The Geology of the Gowganda Mining Division	*GSC Memoir 33 *GSC Map 64a	
Collins, W.H.	1919	Onaping Map Area; Onaping, Sudbury & Timiskaming Districts, Ontario	*GSC Memoir 95 *GSC Map 179A	1:253 440
Donovan, J.F.	1965	Maple Mountain Sheet, Districts of Timiskaming & Nipissing, Ontario	ODM Map P. 301	1:126 720
Roscoe, S.M.	1969	Huronian Rocks and Uraniferous Conglomerates in the Canadian Shield	*GSC Paper 68-40	205 p.
McIlwaine, W.H., Meyn, H.D., Card, K.D.	1970	Operation Maple Mountain, Smoothwater Lake Area, Districts of Sudbury & Timiskaming, Ontario	OFR 5050 ODM Map P. 584	1:63 360
Card, K.D., McIlwaine, W.H.	1973	Smoothwater Lake, Timiskaming District, Ontario	GR 106 ODM Map 2256	1:63 360
Card, K.D., McIlwaine, W.H.	1973	Solace Lake Area	GR 106 ODM Map 2258	1:63 360
Wood, J.	1979	Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing & Timiskaming; in V.G. Milne et al, editors, in Summary of Field Work, 1979 by the OGS	OGS MP 90	No. 18 pp. 78-81

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Wood, J.	1980	Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing & Timiskaming; in V.G. Milne et al, editors, Summary of Field Work, 1980	OGS MP 96	No. 14 pp. 61-63
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
		No data available as of August 23, 1983		

* out of print

NOTES AND ADDENDA

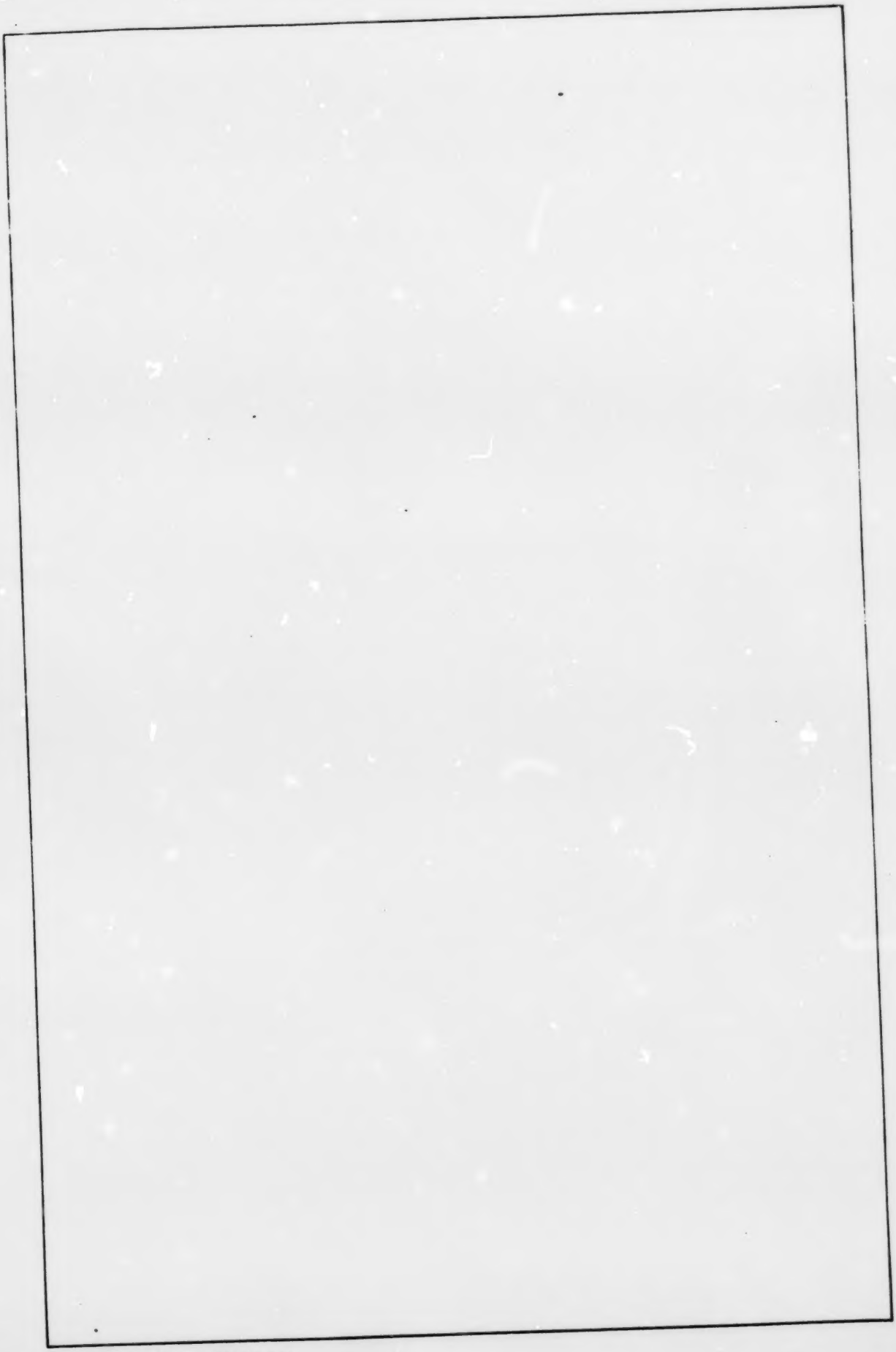
On the map, only areas for which work was submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

No past or present producers.

Township closed to staking in 1978 due to the Bear Island Indian Caution.

Air Photos on file in Toronto

Year	Roll	Strip	Photo
1946	202	122	70B-76B
	202	121	42A-49A
	203	120	61-68
	59	119	85-92
1958R	51	4710	124-130
	42	4711	110-117
	42	4712	57-63
	42	4713	8-14
1970	48	4710	271-277
	4	4711	27-34
	3	4712	182-189
	3	4713	74-81
1977	5	4710	118-124
	79	4711	74-81
	6	4712	193-200
	6	4713	161-168



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MAPS NOT

FILMED

CARTES

OMISES

POOR

QUALITY

ORIGINAL